

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
3 June 2004 (03.06.2004)

PCT

(10) International Publication Number  
**WO 2004/047429 A1**

(51) International Patent Classification<sup>7</sup>: H04N 5/44, 5/445

(21) International Application Number:

PCT/US2003/032600

(22) International Filing Date: 15 October 2003 (15.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/426,643	15 November 2002 (15.11.2002)	US
60/426,642	15 November 2002 (15.11.2002)	US
60/426,641	15 November 2002 (15.11.2002)	US

(71) Applicant (for all designated States except US): THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-F-92648 Boulogne (FR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): PUGEL, Michael, Anthony [US/US]; 20925 Creek Road, Noblesville, IN 46060 (US).

(74) Agents: TRIPOLI, Joseph, S. et al.; c/o Thomson Licensing Inc., Two Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

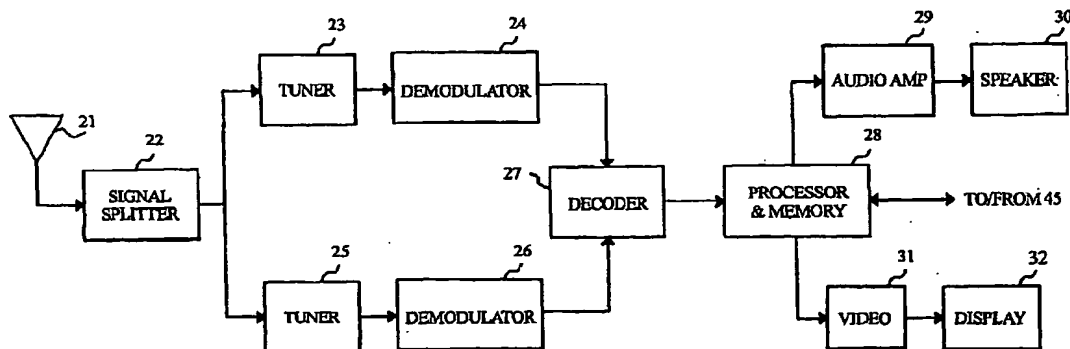
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: APPARATUS AND METHOD FOR RECEIVING EMERGENCY ALERT SIGNALS



(57) Abstract: An apparatus such as a television signal receiver (20) provides an emergency alert function. According to an exemplary embodiment, the television signal receiver includes a first tuner (23) for tuning a first channel when the television signal receiver is in an on mode. A second tuner (25) is provided for tuning a second channel when the television signal receiver is in the on mode and an off/standby mode. The second channel provides emergency alert signals capable of activating the emergency alert function.